Lab Task 01 | SL-2002-Software Design & Architecture Lab | BSE-4A

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Part: 01

Software: Git

User Story:

As a **developer**, I want to **commit changes to the software using Git**, so that I can easily revert to an earlier **state.**

Acceptance Criteria:

Given that my **software is versioned,** When I try to **access an earlier version**, Then I should be able to successfully **revert** the codebase to that specific **earlier version/commit**.

Test Cases					
ID	**Title**	**Type**	**Prerequisites**	**Procedure**	**Expected Results**
1	Revert to the latest Commit.	Positive.	Software has two commits.	-Navigate to the Software directory. -Run the command to revert to the commit.	Codebase has reverted to the latest commit.
2	Revert to a Specific Commit.	Positive.	Software has some commits.	- Find the commit hash. - Run the command with that commit hash.	Codebase has reverted to that commit.
3	Revert to a Specific Commit.	Negative.	Software has no commit.	**Try to:** - Find the commit hash. -Run the command with that commit hash.	Codebase couldn't revert to that commit.
4	Revert to Latest Commit.	Negative.	The branch is protected.	**Try to:** - Find the commit hash. -Run the command with that commit hash.	Not allowed to force push code to a protected branch.

Part: 02

User Story:

As a **user** I want to **public some of my tasks** so o**thers can see** what I am working on currently.

Acceptance Criteria:

Given that I have **some tasks**, when I try to **make selected tasks public**, then I expect that **others will be able to see them**.

Test Cases					
ID	Title	Type	Prerequisites	Procedure	Expected Results
1	Public Task Visibility.	Positive.	User is logged in and has some tasks available.	- Log in to the tool. -Select a task that the user wants to make public. -Click on the Public button.	Selected task becomes visible to other users in the tool.
2	Private Task Accessibility.	Positive.	User is logged in and has some private tasks available.	- Log in to the tool. -Select a task that the user wants to make public. -Click on the Public button.	The selected task stays private and is only accessible to the user who created it.